

ABSTRACT

5 It has been demonstrated that B containing glasses are
sensitive to radiation in the band 225 - 275 nm and,
therefore, B_2O_3 glasses are particularly adapted to receive
refractive index modulation, e.g. to make reflection
10 gratings. Glasses containing SiO_2 and B_2O_3 are particularly
suitable when the grating is to be localised in the
cladding of a fibre. Glasses containing SiO_2 , GeO_2 , and B_2O_3
are suitable when the grating is in the path region of a
waveguide, e.g. in the core of a fibre.

This Sheet Has Been Replaced